

Part 573 Safety Recall Report

21V-227

Manufacturer Name : Navistar, Inc.**Submission Date :** APR 01, 2021**NHTSA Recall No. :** 21V-227**Manufacturer Recall No. :** 21503**Manufacturer Information :**

Manufacturer Name : Navistar, Inc.

Address : 2701 Navistar Drive

Lisle IL 60532

Company phone : 331-332-1590

Population :

Number of potentially involved : 845

Estimated percentage with defect : 100 %

Vehicle Information :

Vehicle 1 : 2021-2021 International LT

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models built with a Bendix air brake system and a suspect SC-3 single check valve which is a component of the SR-7 valve.
- The inclusive dates of manufacture were determined by vehicle manufacturing records when Navistar began installing SR-7 valves with suspect SC-3 single check valves through the date the suspect single check valves were removed from production based on shipping records from Bendix.
- The vehicles in the suspect population were built with suspect SC-3 single check valve supplied on the SR-7 valve and all similar vehicles not subject to this notification were not.

There are 14 LT series trucks in the suspect population.

Production Dates : AUG 11, 2020 - SEP 28, 2020

VIN Range 1 : Begin :

NR

End : NR

 Not sequential

Vehicle 2 : 2021-2021 International RH

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models built with a Bendix air brake system and a suspect SC-3 single check valve which is a component of the SR-7 valve.
• The inclusive dates of manufacture were determined by vehicle manufacturing records when Navistar began installing SR-7 valves with suspect SC-3 single check valves through the date the suspect single check valves were removed from production based on shipping records from Bendix.
• The vehicles in the suspect population were built with suspect SC-3 single check valve supplied on the SR-7 valve and all similar vehicles not subject to this notification were not.
There are 6 RH series trucks in the suspect population

Production Dates : SEP 01, 2020 - SEP 24, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 3 : 2021-2021 International MV

Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES

Body Style : OTHER

Power Train : DIESEL

Descriptive Information : • The suspect population is identified by models built with a Bendix air brake system and a suspect SC-3 single check valve which is a component of the SR-7 valve.
• The inclusive dates of manufacture were determined by vehicle manufacturing records when Navistar began installing SR-7 valves with suspect SC-3 single check valves through the date the suspect single check valves were removed from production based on shipping records from Bendix.
• The vehicles in the suspect population were built with suspect SC-3 single check valve supplied on the SR-7 valve and all similar vehicles not subject to this notification were not.
There are 16 MV series trucks in the suspect population

Production Dates : SEP 04, 2020 - SEP 15, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Vehicle 4 : 2021-2021 International HV
Vehicle Type : BUSES, MEDIUM & HEAVY VEHICLES
Body Style : OTHER
Power Train : DIESEL

Descriptive Information :

- The suspect population is identified by models built with a Bendix air brake system and a suspect SC-3 single check valve which is a component of the SR-7 valve.
- The inclusive dates of manufacture were determined by vehicle manufacturing records when Navistar began installing SR-7 valves with suspect SC-3 single check valves through the date the suspect single check valves were removed from production based on shipping records from Bendix.
- The vehicles in the suspect population were built with suspect SC-3 single check valve supplied on the SR-7 valve and all similar vehicles not subject to this notification were not.

There are 809 HV series trucks in the suspect population.

Production Dates : JUL 28, 2020 - OCT 02, 2020

VIN Range 1 : Begin :

NR

End : NR

Not sequential

Description of Noncompliance :

Description of the Noncompliance : As reported by Bendix in 20E-015; a retainer was not properly seated during assembly of the SC-3 single check valve, such that when air pressure is applied, it may no longer provide source air isolation as defined and required in FMVSS 121.

FMVSS 1 : 121 - Air brake systems

FMVSS 2 : NR

Description of the Safety Risk : As reported by Bendix in 20E-015; A spring brake application that is not commanded by the driver may result. The degree of the spring brake application being vehicle schematic and secondary reservoir failure dependent. The uncommanded spring brake application may increase the risk of a crash.

Description of the Cause : As reported by Bendix in 20E-015; a set-up error at the supplier caused the retainer to not be pressed to the correct depth in the part.

Identification of Any Warning that can Occur : As reported by Bendix in 20E-015; such an occurrence may become known to a vehicle operator upon a secondary reservoir circuit failure. The secondary circuit failure may trigger a low pressure warning on the vehicle.

Involved Components :

Component Name 1 : SC-3

Component Description : single check valve

Component Part Number : Bendix P/N K094964

Supplier Identification :

Component Manufacturer

Name : Bendix Commercial Vehicle Systems LLC (B

Address : 901 Cleveland St.

Elyria Ohio 44035

Country : United States

Chronology :

- 03/05/2021 – Navistar receives communication from Bendix advising they had submitted a 573 defect report to NHTSA for the SC-3 single check valve (check valve).
- 03/06/2021 – Navistar receives a copy of Bendix’s 573 defect report.
- 03/06/2021 – Navistar and Bendix initiate investigation to determine the part numbers of the suspect check valves sent to Navistar manufacturing and the impact to International vehicles.
- 03/16/2021 – Bendix provides shipping records of the suspect valves to Navistar plants.
- 03/23/2021 – Navistar and Bendix complete their investigation and determine the suspect population.
- 03/25/2021 – Navistar declares a Safety Recall for Non Compliance.

Description of Remedy :

Description of Remedy Program : • The remedy will involve replacing the suspect SC-3 check valves with correctly assembled check valves.
• Navistar’s plan for reimbursement of pre-notification remedies, on file with NHTSA and dated 10/03/2018, applies and reimbursement instructions will be included in the customer notification.

How Remedy Component Differs from Recalled Component : The remedy SC-3 check valves were assembled with the retainer installed to the correct depth, where the suspect check valve retainer was not installed to the correct depth.

Identify How/When Recall Condition was Corrected in Production : 10/02/2020 – Navistar manufacturing begins using SR-7 valves with SC-3 check valves with the retainer installed to the correct depth.

Recall Schedule :

Description of Recall Schedule : It is estimated that the Customer and Dealer notification letters will be mailed by 05/31/2021.

Planned Dealer Notification Date : MAY 31, 2021 - MAY 31, 2021

Planned Owner Notification Date : MAY 31, 2021 - MAY 31, 2021

* NR - Not Reported